



*Sfu*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of

Xiang-Dong Fu et al.

Application No.: 10/561,764

Filing Date: December 21, 2005

Title: GENOME MAPPING OF  
FUNCTIONAL DNA ELEMENTS AND  
CELLULAR PROTEINS

) Group Art Unit:

) Examiner:

) Confirmation No.:

SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Enclosed is a Second Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

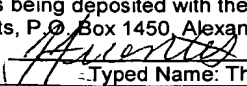
BUCHANAN INGERSOLL & ROONEY PC

Date July 21, 2006

By:   
Joseph R. Baker  
Registration No. 40,900

P.O. Box 1404  
Alexandria, VA 22313-1404  
650 622 2300

I hereby certify that this correspondence is being deposited with the United State Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
Date of Deposit July 21, 2006

  
Typed Name: Therese Fuentes



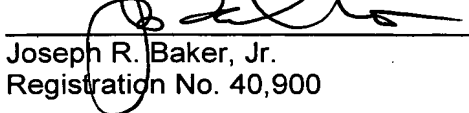


To assist the Examiner, the document is listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY LLP

Date July 21, 2005

By:   
Joseph R. Baker, Jr.  
Registration No. 40,900

12230 El Camino Real  
Suite 300  
San Diego, CA 92130-2090  
(858) 509-7300

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number

10/561,764

Filing Date

December 21, 2005

First Named Inventor

Xiang-Dong Fu et al.

Examiner Name

To Be Assigned

Attorney Docket Number

1034123-000195

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	2002/172946		Jian-Bing et al.	11-21-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 2001/16378		WIPO	03-08-2001							
	WO 1989/09835		WIPO	10-19-1989							

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date, publisher, city and/or country where published.
	AVIVA SYSTEMS BIOLOGY: "ChIP-GLAS Complete product handbook for the Aviva Systems Biology ChIP-GLAS system" [online] 2005, pages 1-29 (URL:www.avivasysbio.com/corp/ChIP-GLAS%20Manual%20H20K.pdf)
	AVIVA SYSTEMS BIOLOGY: "ChIP-GLAS Microarray-Technologie" [OnLine] 2006, page 6 (URL:www.acris-antibodies.de/pdf/news-10-gesamt.pdf)
	BARANY F., "The Ligase Chain Reaction In A PCR WORLD," <i>PCR Methods and Applications</i> , Cold Spring Harbor, NY, U.S.A. Vol. 1, No. 1, pp. 5-16, 1991.
	FAN et al., "A versatile assay for high-throughput gene expression profiling on universal array matrices," <i>Genome Research</i> 14(5):878-885, 2004.
	NAL et al., "Location analysis of DNA-bound proteins at the whole-genome level: Untangling transcriptional regulatory networks," <i>Bioessays</i> 23(6):473-476, 2001.
	YEAKLEY et al., "Profiling alternative splicing on fiber-optic arrays," <i>Nature Biotechnology</i> 20(4):353-358, 2002.

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.